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CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:	
8/23/2006 Date	<i>Bonnie R. Smith</i> Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§
Tianlin WANG	§ Group Art Unit:
Michael M. LOHUIS	§
Cheryl J. KOJIMA	§ Examiner:
Fengxing DU	§
John C. BYATT	§ Atty. Dkt. No.: 11916.0065.PCUS00
	§
Serial No.: 10/561,075	§
	§
Filed: December 19, 2005	§
	§
For: <b>MARKER ASSISTED BEST LINEAR</b>	§ §371 Application of International
<b>UNBIASED PREDICTION (MA-BLUP):</b>	§ Application PCT/US2005/002362, filed
<b>SOFTWARE ADAPTIONS FOR LARGE</b>	§ January 27, 2005
<b>BREEDING POPULATIONS IN FARM</b>	§
<b>ANIMAL SPECIES</b>	§

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

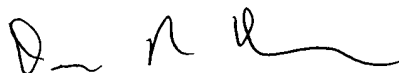
In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached form PTO-1449 be considered by the Examiner and made of record in the

current application. Supplied herewith are copies of references C11-C19, as well as copies of a formal objection and letters (2) submitted by third parties in a related international application.

In accordance with 37 C.F.R. § 1.97(g) and (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, or as an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

It is believed that this paper is being filed before an Office Action on the merits of the application has been sent; therefore no fee is believed to be due. However, should any fees be required for any reason in connection with this paper, the Commissioner is authorized to deduct said fees from Howrey Deposit Account No. 08-3038/11916.0065.PCUS00.

Respectfully submitted,



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Date:

August 23, 2006

Form PTO-1449 (modified)

Atty. Docket No.  
11916.0065.PCUS00Serial No.  
10/561,075List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENTApplicant  
Tianlan WANG, Michael M. LOHUIS, Cheryl J.  
KOJIMA, Fengxing DU, John C. BYATTFiling Date:  
December 19, 2005

Group:

(Use several sheets if necessary)

U.S. Patent Documents

Foreign Patent Documents

Other Art  
See Pages 1-2

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1						

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C11	C.R. Henderson, "Selection Index and Expected Genetic Advance", In <i>Statistical Genetics and Plant Breeding</i> , W.D. Hanson and H.F. Robinson, eds., pp. 54-59, Publication 982, National Academy of Sciences, National Research Council (1963).
	C12	Jurg Ott, <i>Analysis of Human Genetic Linkage</i> , Third Edition, The Johns Hopkins University Press, Baltimore and London, ISBN 0-8018-6140-3 (1999).
	C13	Eildert Groeneveld, <i>PEST User's Manual</i> , Institute of Animal Husbandry and Animal Behaviour, Federal Agricultural Research Centre, Germany (1990).
	C14	R.L. Fernando et al., "Marker Assisted Selection Using Best Linear Unbiased Prediction", <i>Genet. Sel. Evol.</i> , 21:467-477 (1989).
	C15	G. Plastow et al., "Practical Application of DNA Markers for Genetic Improvement", In <i>Proc. 28th Annu. Mtg. Natl. Swine Improve. Fed.</i> , pp. 151-154, Iowa State University, Ames (2003).
	C16	D. Boichard et al., "Implementation of Marker-Assisted Selection in French Dairy Cattle", In <i>Proc. 7th. World Congress on Genetics Applied to Livestock Production</i> , Montpellier, France (2002).
	C17	J.C.M. Dekkers, "Commercial Application of Marker- and Gene-Assisted Selection in Livestock: Strategies and Lessons", <i>J. Anim. Sci.</i> , 82(E. Suppl.):E313-E328 (2004).
	C18	R.L. Fernando, "Incorporating Molecular Markers into Genetic Evaluation", <i>Proc. 55th Meeting of the European Association of Animal Production</i> , EAAP, Bled, Slovenia (2004).

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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Form PTO-1449 (modified)

AUG 28 2006

Atty. Docket No.

11916.0065.PCUS00

Serial No.

10/561,075

List of Patents and Publications for Applicant's

Applicant

Tianlan WANG, Michael M. LOHUIS, Cheryl J.  
KOJIMA, Fengxing DU, John C. BYATT

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

December 19, 2005

Group:

U.S. Patent Documents

Foreign Patent Documents

Other Art

See Pages 1-2

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C19	R. Engeler, "Optimale Kombination von Leistungseigenschaften in der Rindviehzucht", Ph.D. Thesis, Swiss Federal Institute of Technology, Switzerland (1996). (refer to English Summary)

**EXAMINER:****DATE CONSIDERED:**

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